

April 21, 2016 2:06:31 PM

Page 1

[illegible]

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																	
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Work Order ID 144600

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144600

Page 2

Item ID: D3204-5 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Arm
Start Date: 5/4/2016 Start Qty: 10.00 ***10*** Cust Item ID:
Required Date: 5/18/2016 Req'd Qty: 10.00 ***10*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	QC8- Inspect parts - second check	0.00							
130						10			SL16-4-29
QC	Memo	0.20							
Quality Control									
140	Identify as per dwg & Stock Location: _____	0.00							
140						10	MLJ		1605-03
Packaging	Memo	0.10							
Packaging	LOCATION : WA002								
150	QC21- Final Inspection - Work Order Release	0.00							
150						MLJ			MAY 03 2016
QC	Memo	1.00							
Quality Control									

MLJ MAY 03 2016

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Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Picklist Print

April 21, 2016 2:06:31 PM

Page 1/1

Work Order ID: 144600

144600

Parent Item: D3204-5

D3204-5

Parent Item Name: Arm

Start Date: 5/4/2016

Required Date: 5/18/2016

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP: C05.08.11Added Step 25 KJ/JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

M6061T6B0.375X01.25
0

Purchased

No

100

f

22.4980

0.2913

3.066316

DAS

44

9.89

16-04-28

M6061T6B0 375X01 250

6061-T6 Bar .375 x 1.25

Location

Loc Qty

Loc Code

MAT001

22.498

~~M~~126075

2.498

M129530

20

2.04

DQA: _____ Date: _____



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DART AEROSPACE LTD		Work Order: 144600
Description: Arm		Part Number: D3204-5
Inspection Dwg: D3204	Rev: A1	Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article
 ☐ Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
R0.375	+/-0.010	.375	/		Vern	FK-04
0.750	+/-0.010	.749	/		"	"
R0.50	+/-0.030	.50	/		R-G.	
R0.500	+/-0.010	.499	/		"	
Ø0.760	+0.005/-0.000	.760	/		Vern	FK-04
0.080	+/-0.010	.081	/		"	"
2.373	+/-0.005	2.373	/		"	"
Ø0.375	+0.005/-0.000	.375	/		"	"
0.250	+/-0.010	.253	/		"	"
R0.06	+/-0.030	.0625	/		R-G.	
0.200	+/-0.010	.191	/		Vern	FK-04

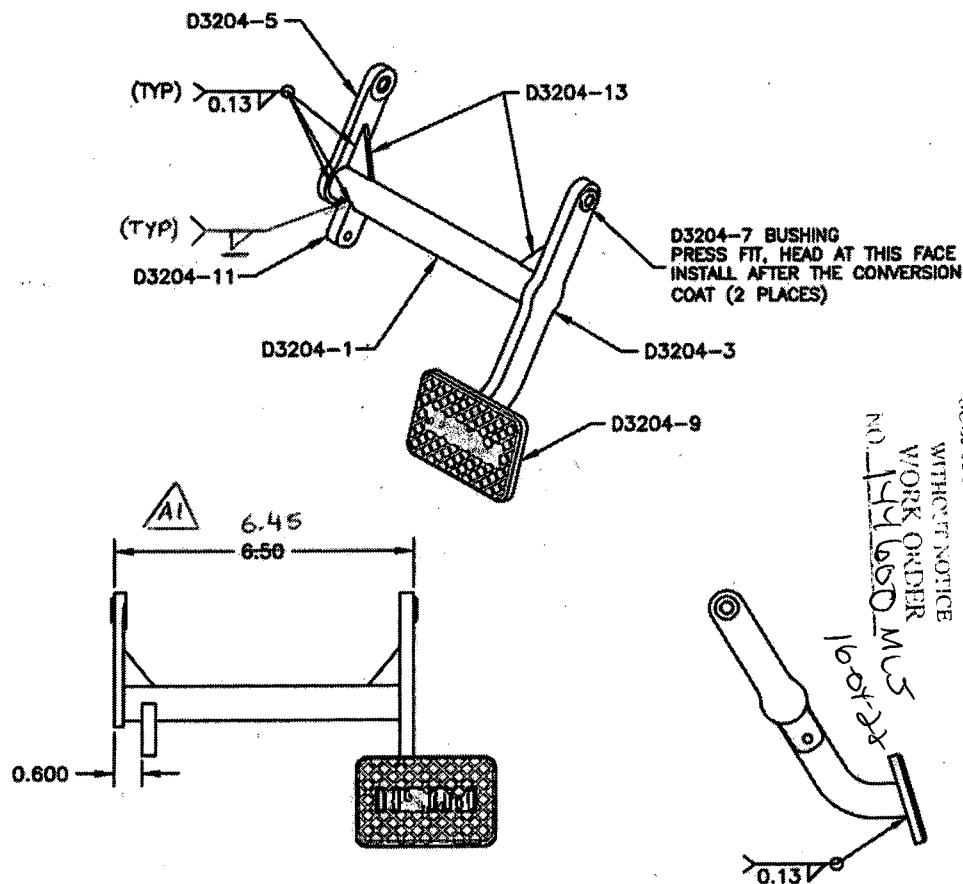
Measured by: DAS 44	Audited by: SL	Prototype Approval: N/A
Date: 16-04-29	Date: 16-4-29	Date: N/A

Rev	Date	Change	Revised by	Approved
A	05.02.17	New Issue	KJ/JLM	
B	06.03.21	Dwg Rev update	KJ/JLM	



DESIGN #	DRAWN BY #	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. D3204	REV. A SHEET 1 OF 3
DATE 04.01.27		TITLE RELEASE PEDAL ASSEMBLY	SCALE NTS
A	04.01.27	NEW ISSUE	
AI	05.07.15	6.45 WAS 6.50	

RELEASED
04.04.30



D3204-041 RELEASE PEDAL ASSEMBLY

NOTES

- 1) BREAK ALL SHARP EDGES 0.005 TO 0.015
- 2) MATERIAL: 6061-T6 OR -T62 (QQ-A-200/8) 0.750 OD x 0.125 WALL (M6061T6T0.75W.125)
- 3) MATERIAL: 6061-T6 (QQ-A-200/8 OR QQ-A-250/11 OR QQ-A-225/8) BAR (M6061T6B)
- 4) MATERIAL: AISI 303 SS (M303R)
- 5) MATERIAL: 6061 (QQ-A-250/11) SHEET 0.125 THICK (M6061T6S.125)
- 6) ENGRAVE "PUSH" USING 0.5" HIGH LETTERS TO DEPTH OF 0.010 TO 0.020
ENGRAVE DART P/N USING 0.125 LETTERS TO MAX DEPTH OF 0.010
- 7) WELD ASSEMBLY PER QSI 004
- 8) CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 9) POWDER COAT ASSEMBLY GREY SANDTEX (REF. 4.3.5.6) PER QSI 005 4.3
- 10) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 11) ALL DIMENSIONS ARE INCHES

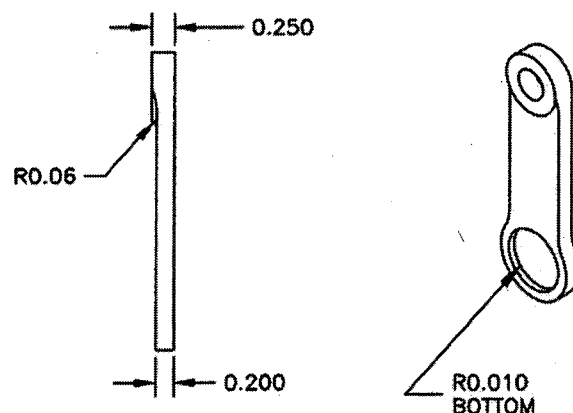
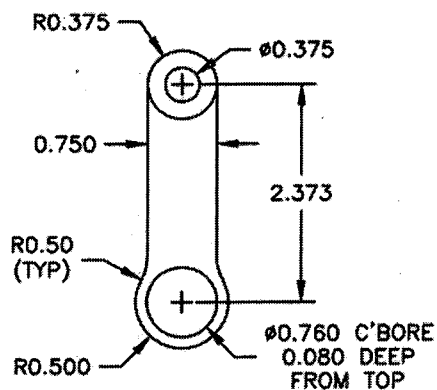
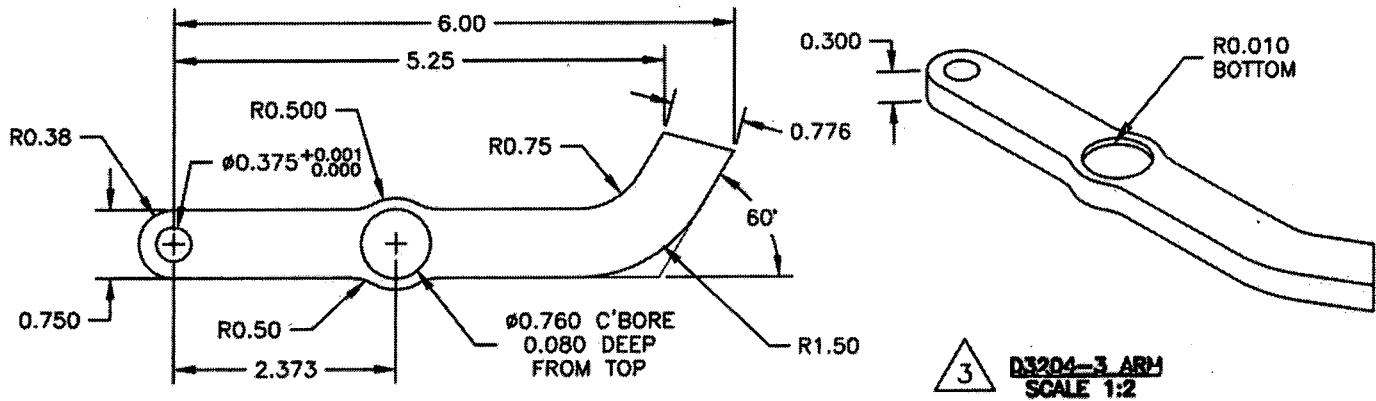
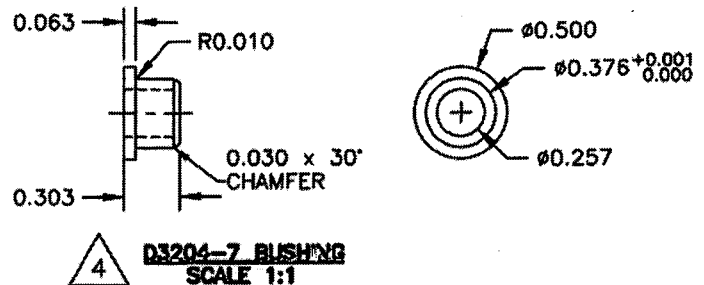
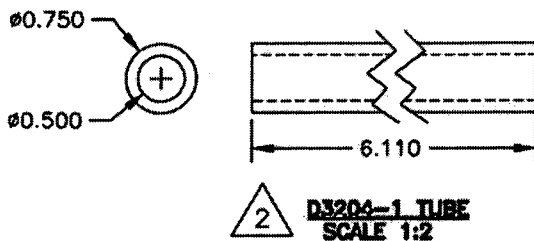
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DESIGN [Signature]	DRAWN BY [Signature]	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED [Signature]	APPROVED [Signature]	DRAWING NO. D3204	REV. A SHEET 2 OF 3
DATE 04.01.27		TITLE RELEASE PEDAL ASSEMBLY	SCALE NTS

RELEASED
04.04.05 [Signature]



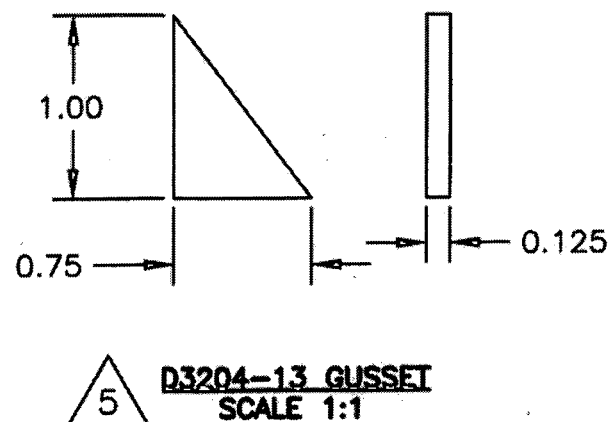
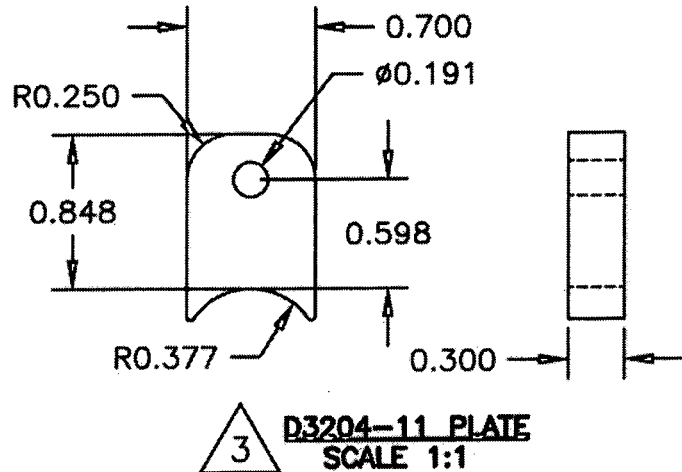
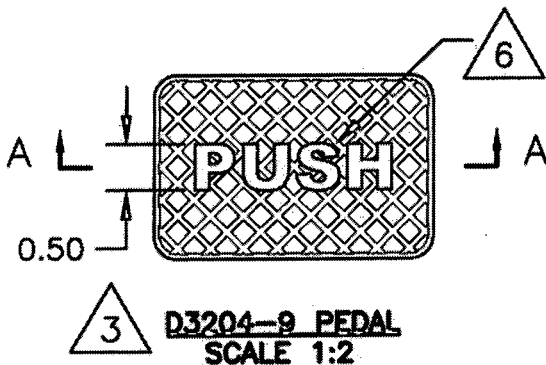
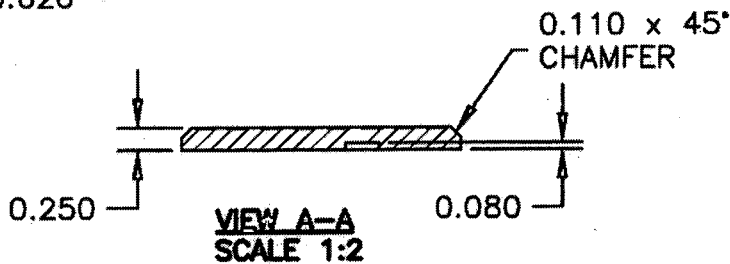
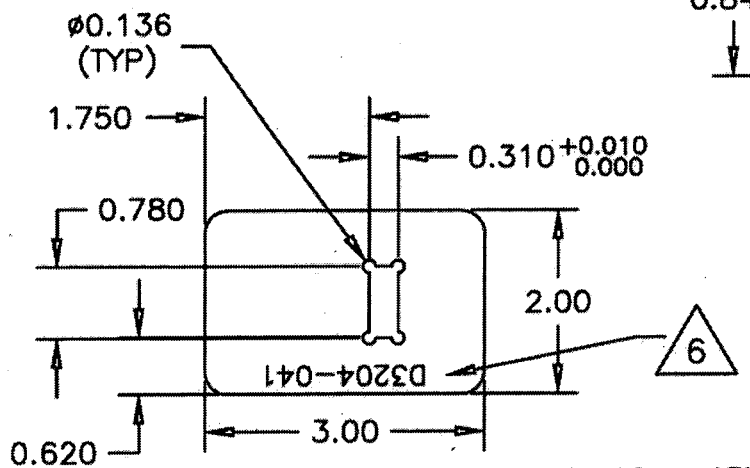
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DESIGN RT	DRAWN BY RT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED [Signature]	APPROVED [Signature]	DRAWING NO. D3204	REV. A SHEET 3 OF 3
DATE 04.01.27	TITLE RELEASE PEDAL ASSEMBLY		SCALE NTS

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